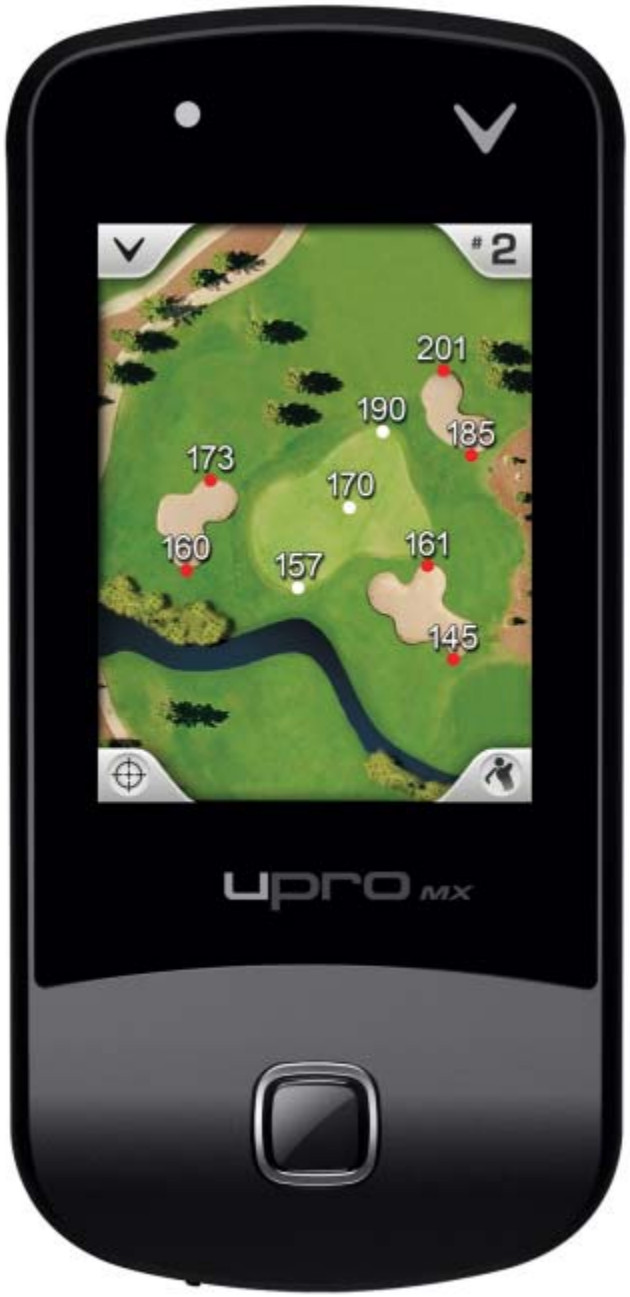

Callaway UPRO® MX Golf GPS

User Guide (v1.0) - abridged

©2011 Callaway Golf Company

Table of Contents

1 GETTING STARTED WITH THE CALLAWAY UPRO MX 3

1.1 CALLAWAY UPRO® MX OVERVIEW 3

1.2 CHARGING THE CALLAWAY UPRO MX 6

2 PLAYING GOLF WITH YOUR UPRO® MX 7

2.1 POWERING ON/OFF 7

2.2 MAIN MENU 7

2.3 PLAYING GOLF WITH YOUR NEW UPRO® MX 8

2.4 BASIC NAVIGATION 8

2.5 BASICMODE 10

2.6 GOMODE® 13

2.7 PROMODE® 13

2.8 SHOT TRACKING 16

2.9 SCORE KEEPING 16

2.10 ROUND REVIEWS 18

2.11 CHANGING HOLES 18

3 SETTINGS MENU 19

3.1 DEVICE SETTINGS 19

4 PREVIEW MODE 21

4.1 ENABLING PREVIEW MODE 21

5 COMPLIANCE 22

5.1 FCC STATEMENT (USA) 22

5.2 INDUSTRY CANADA STANDARD (CANADA 310) 23

5.3 BATTERY INFORMATION AND WARNING 23

1 Getting Started with the Callaway UPRO MX

1.1 Callaway UPRO® MX Overview

This section provides a brief overview of the location and functionality of the inputs and outputs you will use to enable the full capability of your upro mx Device

1.1.1 UPRO MX Controls Layout

Figure 1: upro mx Button Layout

1.1.2 Touch Screen

Touch Screen – The upro mx has an extremely precise, simple-to-use capacitive touch screen to ensure quick and easy operation of your new device. You will use this powerful feature to perform nearly every function on your new device. See Section 2 – Playing Golf with your upro mx for more information

Supported Gestures:

- Tap – used to select menu options, and to activate the measuring point on AnyPoint® feature
- Drag – used to reposition the measuring point on AnyPoint® feature, change the zoom level, and pan in ProMode®

- Flick - used to scroll through menu options (vertical or horizontal),

1.1.3 Button Descriptions

Power Button – This button is used to power on and off the device when held for at least three seconds. It is also used put the device into stand-by mode when pressed for 1 second. You can bring the device out of stand-by mode by pressing the power or mode button again

Mode Button – This button is used to switch between BasicMode, ProMode® (requires purchase and download of additional content), and GoMode®

Optical Finger Navigation (OFN) – The upro mx has a state-of-the-art Optical Finger Navigation button which offers the user a powerful, flexible, and extremely precise method of navigating through the upro mx user interface. You can use the OFN in the following scenarios:

- When using AnyPoint, slide your finger across the OFN to move the position of the AnyPoint® target point
- When viewing any hole in ProMode, click once to engage the SmartView feature of your device

1.1.4 Other Inputs and Outputs

LED Indicator - The uPro has an LED indicator that is used to provide status information. The blue LED flashes when the uPro is in normal operation. The red LED indicates that the device is charging. A flashing red LED indicates that charging is complete.

Note: The red LED will not flash when charging is complete if the uPro is powered on. Please see section 1.3 Charging the Callaway uPro for more information on charging.

Micro-USB Port - The Micro-USB Port is used to connect the device to the your computer to access the uxplore website for course downloads and updates. It is also used to charge the battery within the device.

Headphone Jack - The uPro contains a small, 2.5mm headphone jack that allows connection of stereo or mono headphones. Note that your upro mx does not come with headphones.

1.2 Charging the Callaway UPRO MX

Prior to operating your upro mx the battery must be fully charged. Follow these steps to charge the battery:

1) Remove the battery cover on the upro mx. Using your finger, un-screw the screw head located on the back of the device until the battery cover is loose, and can be removed by lifting up gently.

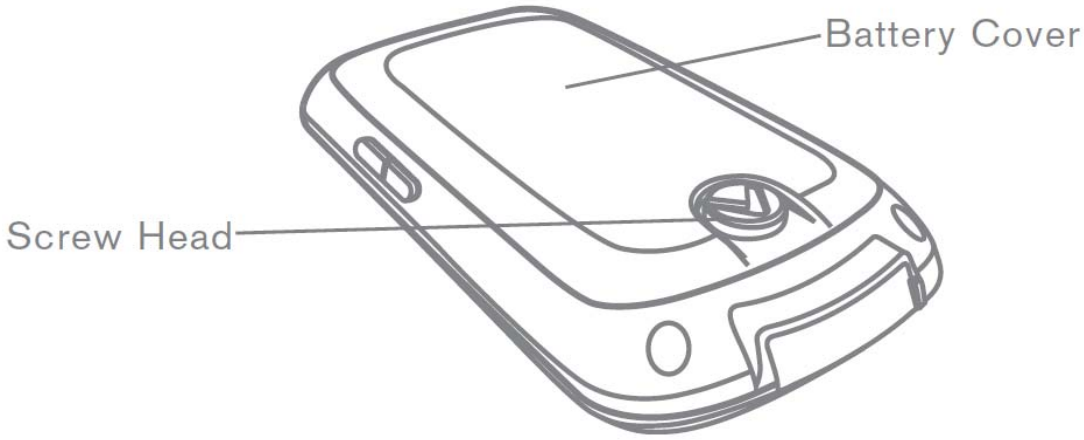

Figure 2: Battery Cover Removal

2) Insert the Li-Ion rechargeable battery into the battery compartment. Angle the battery such that the bottom edge with the three contacts makes contact with connector on the upro mx first and then push the top side of the battery into place. The text on the battery should be face up and readable (the Callaway logo will face down).
3) Replace the battery cover.
4) Insert the micro-USB connector of the included USB cable into the USB connector on the bottom of the upro mx.
5) Connect the larger end of the USB cable to the included wall adapter.
6) Plug the wall adapter into an AC wall outlet. The upro mx's red LED will be lit while charging. This LED will begin to flash when charging is completed. Charging the battery completely takes approximately 3 hours. For more information regarding safe handling of your battery, please review Section 5.3 below.

2 Playing Golf with Your UPRO® MX

2.1 Powering On/Off

The upro mx Power button is used to power the device on and off. Turn on the upro mx by pressing the power button for three seconds while the device is powered off.

The uPro can be powered off with three different methods:

Soft Power Off - Holding down the power button for approximately 3-4 seconds will bring up the power off confirmation screen. Answering yes by tapping the Select/Enter key will power off the upro mx.

Mandatory Power Off - Holding down the power button for approximately 6 seconds will force the device to power off without any confirmation.

Auto Power Off - The uPro has a device setting that allows the device to be automatically powered down if the device is not used for 90 minutes. This can be enabled through the Device Settings menu.

2.2 Main Menu

After powering on, the uPro will display the Main Menu screen as shown in Figure 3. From this menu you can choose Play Golf, Preview, Settings, Training Videos, Stats Replay, UTRACK™, or Applications. To access additional menu options, swipe the touch screen to the left and right.

Figure 3: Main Menu

2.3 Playing Golf With Your New UPRO® MX

Your new upro mx device comes pre-loaded with over 25,000 courses, as well as the ability to download and use actual aerial imagery to play in ProMode®. This section will provide you all the information you need to enjoy the use of your upro mx.

2.4 Basic Navigation

2.4.1 Accessing Menus

When in any play mode (ProMode®, BasicMode, GoMode®), your upro mx screen will display similar navigation options. See Figure 4 below for a brief description of navigation options available in any mode

Figure 4: Accessing Menus

2.4.2 Navigating Through Lists

Whenever you have a list of items on your upro mx, you can scroll through the list by swiping the list up or down. In Figure 5 below, if you wish to scroll down, you simply touch the screen near the bottom (do not touch the corners) and drag your finger upwards along the screen. This will cause the list to scroll downward. When you have found the list item you wish to select, simply tap the screen on that item to open it.

Figure 5: Navigating Through Lists

To return to the previous screen, tap the back arrow indicated in Figure 5 above. You can also click the red X to exit that menu.

2.4.3 Play Golf

From the Main Menu (See Figure 3 above) tap the Play Golf option. You will then be able to select available ProMode® courses by tapping on the PRO MODE COURSES option. If you wish to play a course in BasicMode, or GoMode, you can select the country where your course is located, and navigate to the specific golf course.

Note: The upro mx's electronics provide unmatched GPS performance. Satellite acquisition typically occurs in less than one minute when you are positioned outdoors with an unobstructed view of the sky.

If your upro mx has achieved satellite lock, you will automatically be provided with a list of nearby golf courses, with the distance to the course listed to the right. Courses available in Basic Mode and GoMode® will just show the distance, but courses available with ProMode® imagery will display the ProMode® icon.

When selecting a course, you will be provided with basic information about the course including city, state or province, country, and map version.

Click Play to begin your round.

2.5 BasicMode

Your upro mx contains more than 25,000 pre-loaded courses which you can use without additional fees required. There are two modes with which to access these pre-loaded courses. The first mode, called Basic Mode, gives distances to the green center, front and back as well as all hazards. Basic Mode consists of two views, the Green View and the Hazard View.

2.5.1 Green View

As shown in below Figure 6a, the Green View displays distances to the front, center and back of the green.

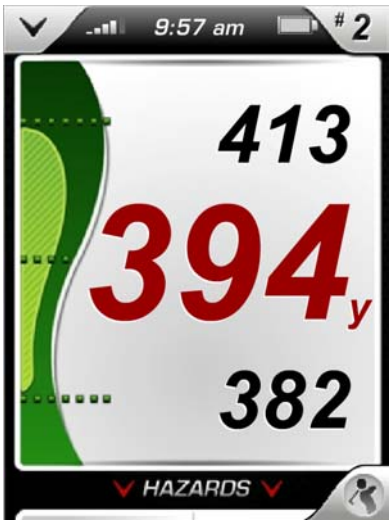

Figure 6a: BasicMode Green View

Figure 6b: Basic Mode Hazard View

2.5.2 Hazard View

The Hazard View (Figure 6b) displays distances to each hazard as well as the distance to clear each hazard or object on the course. There is no limit to the number of hazards that can be displayed in the Hazard View and the hazards are displayed in order of proximity to your current location.

2.5.3 Shot Tracking

Distances of your individual shots can be measured by using the Shot Tracking function from either screen in Basic Mode. Start a measurement by tapping the Shot Tracking icon in the lower right hand corner of the screen (See Figure 4 on Page 9). A screen will pop up asking you to choose the club used on that shot.

Once you have selected the club you are tracking, you will be returned to the previous screen, and a running total of the shot distance will be displayed in the lower right hand corner of the screen, including the number of shots you have tracked.

When you have reached your ball, press the lower right hand corner of the screen again to end the shot. You will be presented with several options – See Figure 7 below.

Figure 7: Shot Tracking Options

2.5.4 On-Screen Indicators

In BasicMode, there are several indicators that provide status during play. These indicators provide the time, battery level and satellite signal strength as shown below in Figure 8.

Figure 8: Basic Mode Indicators

The satellite strength indicator provides status on the state of the GPS. When the GPS is locked (obtained a position fix) then this indicator will show between one and five bars. If the GPS has not obtained a lock then there will be no bars highlighted.

2.6 GoMode®

In addition to BasicMode, your new upro mx comes with the ability to utilize our powerful GoMode® option to enhance your understanding of your approach shots.

By clicking on the Mode button on the right hand side of the device while in BasicMode, you will toggle between these BasicMode and GoMode®.

2.6.1 AnyPoint® Technology within GoMode®

You can access AnyPoint technology by taping the tab at the bottom left corner of the screen. See Section 2.7.4 for more information on AnyPoint technology.

2.7 ProMode®

Your upro mx can be enhanced through the download and use of the patented ProMode® technology. This powerful information tool encompasses a variety of features that allow you to get the best information for each shot in the most intuitive way. The most common method for entering ProMode® from BasicMode is by simply pressing the Mode button on the right side of the device (See Figure 1 above). Pressing this button at anytime will toggle back and forth between ProMode®, Go Mode®, and BasicMode.

Note: You can purchase and download ProMode® courses from www.callawayuxplore.com at any time after your purchase and registration.

2.7.1 SmartView Technology

Upon entering ProMode, the uPro dynamically generates the most appropriate view of the course for your next shot. This patented technology allows you to cycle through two additional views with press of the OFN button. Based on your location on the course and the layout of the hole, three different SmartViews are dynamically generated. An example of one of these views is shown in Figures 9a and 9b below.

Figure 9a: Fairway SmartView

Figure 9b: Green SmartView

The distances are constantly updating while in ProMode as your position changes. Additionally, the uPro identifies your current position on the image of the course by displaying a red diamond character. As your position changes, the uPro will continually update your position on the image as well.

2.7.2 Pan and Zoom

The uPro also allows you to zoom in and out and pan anywhere you like on the hole. There is a zoom slider at the bottom of the touch screen which allows you to zoom in to any level you desire. You can also double-tap the screen and it will automatically zoom in. To zoom out, you can double-tap the screen again. If you wish to pan in any direction, you simply swipe up or down on the screen to view your desired portion of the hole.

2.7.3 Displayed Distances in ProMode®

Depending on the zoom level, the number of features in view and the font size, it may not be feasible or practical to show all distances at the same time superimposed on the image. The uPro's software dynamically determines what distances will be displayed and which ones will be hidden. A colored dot, or reading point, located next to the distance reading is used to show the precise location corresponding to the distance being shown. The table below illustrates the meaning of each of these colored coded reading points:

White	Indicates corresponding distance being displayed is a reading from the green, either center, front or back.
Red	Indicates corresponding distance being displayed is a reading from a bunker or other feature on the golf course.
Yellow	Indicates that a distance would normally be displayed for this precise location but is currently hidden due to lack of space on the screen to display this distance. Selecting a different SmartView or increasing the zoom level will allow the distance to be displayed.

2.7.4 AnyPoint® (Measure Functionality)

Our AnyPoint technology represents a hybrid of traditional laser and GPS capability, allowing you to enhance your understanding of the hole including obstacles you can and cannot see. Due to the extremely precise imagery used on the uPro, you have the ability to measure to and from any point on the course with exceptional accuracy.

To reach this helpful feature, tap the crosshairs icon in the lower left of the screen. There will be two measurement lines that can be mover around the hole to get distances from where you are to anywhere you like, and a second lay-up distance. First, touch the point you'd like to move, you will notice that the point turns red. You are able to then drag the point to your desired measurement location, or you can use the OFN to precisely place the point at your desired location.

Figure 10: AnyPoint Measurement

During a measurement, you can also change zoom levels if you would like. Exiting Measure Mode can be done at any time by tapping the tab on the lower left of the screen.

2.8 Shot Tracking

Shot Tracking gives you the ability to select the club you use for each shot and let the device keep track of your yardage. You will be able to build an averages distance for each club in your bag by consistently tracking your shots during your rounds.

See Section 2.5.3 above for instructions on how to operate.

2.9 Score Keeping

You can keep your score, and the score of up to 3 playing partners with your upro mx.

After clicking Play Golf, and selecting the course you want to play, you will be prompted to select your stats settings. If you select the scorecard, you will then have the option to select Fairways Hit, GIR (Greens in Regulation), and Putts. Choose your selections, and click the Green Check Mark at the lower right-hand corner of the screen.

The next screen allows you to enter in your initials, and the initials of your playing partners. You can change the initials by clicking on the Initials section, then clicking on the letter to bring up the additional letter options. See figure 11.

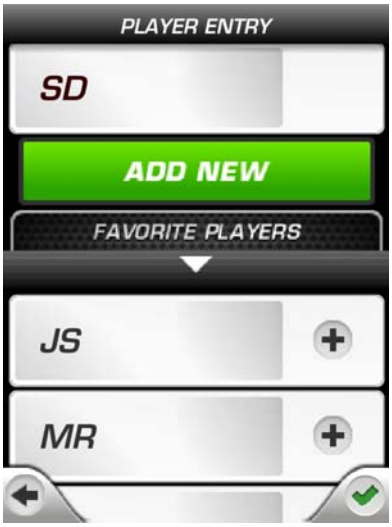

Figure 11: Player Initials

Click the Green Check at the lower right-hand corner of the screen, or click Add New to add more players.

To access the scorecard, you can click the menu tab at the upper left-hand corner of the screen, or rotate the mx device to the left, so that you are holding it in this orientation. See figure 12.

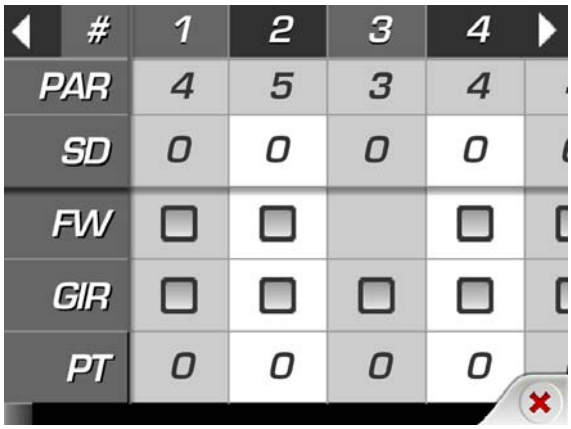

Figure 12: Scorecard

From this screen, tap the cell you wish to edit to enter your score, fairways hit, greens in regulation, and putts. To exit the scorecard, click the red X, or turn the upro mx upright.

2.10 Round Reviews

This feature allows you to review the scorecard from a previous round. You can edit the scorecard if there are changes to make.

Note: If you have already uploaded the scorecard to www.callawayuxplore.com, you will not be able to edit the scorecard on your device. You can update that scorecard online.

2.11 Changing Holes

The uPro automatically prompts you to go the next hole at the appropriate times during the round by default.

You can manually change holes at any time as well.

2.11.1 Hole Change Menu

From nearly all screens, the Hole Change menu item can be used (See Figure 4 above).

From any ProMode®, GoMode® or BasicMode screen, tap the Hole Number tab in the upper right hand corner of the screen. This tab will be indicated by the current hole you are playing. Tap the hole you wish to switch to, and you will automatically return the mode you were playing in (ProMode®, GoMode®, or BasicMode). See Figure 13 below. To see more holes, swipe the touch screen upward to scroll down.

Figure 13: Change Hole Menu

3 Settings Menu

The uPro has several settings that can be configured for your upro mx. From the Main Menu, tap the settings icon to reach the Settings Menu as pictured in Figure 14 below.

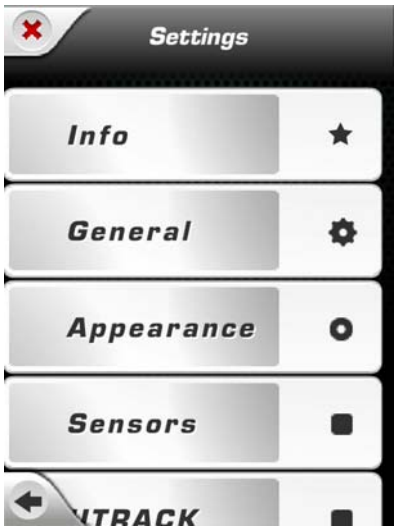

Figure 14: Settings Menu

3.1 Device Settings

Selecting Device Settings from the Settings Menu gives you the ability to alter some of the functionality of the uPro and to enable additional functionality.

3.1.1 Info

Info allows you to confirm the following details:

- Owner
- Contact
- Serial #
- Software Version
- Last Sync
- Battery Level

3.1.2 General Settings

By selecting the General Settings from the settings menu, you can adjust the units of measure (yards or meters), power settings (the default setting is normal and will represent the best combination of battery life and backlight brightness), time zone, and language.

3.1.3 Appearance

This option allows you to adjust the backlight, font size, and whether you want the green outline to appear in Pro and Go Mode or not.

TIP: *Battery life can be improved significantly by reducing the backlight setting below the default of 40%.*

3.1.4 Sensors

This is informational only, and provides the status of various sensors on your upro mx.

3.1.5 UTRACK

Your upro mx comes equipped to support exciting new technologies that will be introduced in the future.

3.1.6 Statistics

This menu allows you to set your preferences regarding the use of the scorecard.

3.1.7 Applications

This feature will become available following future software releases.

4 Preview Mode

The uPro contains a patent-pending mode of operation that allows you to simulate playing any downloaded golf course while away from the course. This mode enables all of the functionality within BasicMode and ProMode®.

4.1 Enabling Preview Mode

The uPro's Preview Mode is enabled by selecting the Preview option from Main Menu.

5 Compliance

5.1 FCC Statement (USA)

Callaway uPRO MX GOLF GPS - # 5911016
Callaway Golf Company
Corporate Address: 2180 Rutherford Road, Carlsbad, CA 92008
Phone number: 1.888.358.5788
http://www.uprogps.com

FCC Class B Part 15

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the manufacturer could void the user's authority to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

5.2 Industry Canada Standard (Canada 310)

This Category II radio communication device complies with Industry Canada Standard RSS-310. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada. Son fonctionnement est subordonné aux deux conditions suivantes : (1) ce dispositif ne doit pas produire d'interférences, et (2) ce dispositif doit pouvoir supporter toute interférence, y compris les interférences qui peuvent nuire à son fonctionnement.

5.3 Battery Information and Warning

Handle your Li-ion battery (3.7V) with care. Do not place the battery in prolonged direct sunlight or high temperature environments (e.g., vehicle trunks, dashboards, open fires, heaters, etc.). Exposing the battery to prolonged direct sunlight or extreme heat may result in the battery pack leaking, overheating, or exploding, which in turn may cause fire or other hazards. High temperatures could also deform the battery and/or device.

- Do not drop or submerge the battery in water, expose to excessive moisture or subject it to strong impact or continuous mechanical shocks. Doing so may generate heat or corrode the battery and result in poor performance and could also create a fire, explosion or shock hazard.
- Do not attempt to open or service the battery pack. Do not disassemble, crush, throw, puncture, solder, modify or otherwise mutilate the battery. Servicing should be done by qualified personnel only.
- Do not store the battery in humid or dusty locations or with metal objects (e.g., metallic watch bands, necklaces, etc.) or with metal golf clubs or other metallic golf equipment. Doing so may result in fire, electric shock, or other hazards.
- Do not touch the (+) and (-) terminals with a metal object. Do not insert the battery with the (+) and (-) terminals reversed.
- Always keep the battery out of the reach of babies and small children to avoid choking hazard or poisoning. Consult a doctor immediately if battery or battery materials are swallowed.
- Always dispose of battery in a special recycle bin according to local regulations. Never dispose of battery in fire or water.

- An improperly disposed battery could be short-circuited by metal parts of other objects and result in a fire or explosion. Cover the exposed battery terminals with electrician's tape prior to disposal.
- Do not use the battery if it appears to be damaged, deformed or discolored or if it leaks or emits unusual odors. In such case, immediately ensure that the battery is away from any exposed skin and/or open flames and promptly and properly dispose the battery.
- If a battery is leaking, do not let the electrolyte get on your eyes, skin or clothing. If the electrolyte gets into your eyes or skin, promptly flush with clear, cold running water and seek medical attention immediately. Do not rub eyes.
- Use only the battery and battery charger as specified by manufacturer. The charging unit and any other charging units should be operated only from the type of power source indicated on the marking label and are intended for indoor use only.
- Do not overload wall outlets or use with extension cords, as this may result in a risk of fire or electric shock.
- Failure to observe all safety instructions will void the Limited Warranty, and may lead to suspension or denial of services to the offender, or legal action, or both.

Batteries should not be discarded in the normal waste stream, local/regional systems exist to dispose of the batteries. As an end user/consumer you contribute by ensuring that the battery is disposed of properly.